

# Storm Water Monitoring Techniques

8:30 a.m. **Registration – Light Refreshments**

9:15 a.m. **Welcome and Program Overview**  
Christine Harris  
*Workshop Manager, Harris & Company*  
Mark Rayback, PE, Assistant Chief  
*Caltrans Division of Environmental Analysis*

**9:25 a.m.**

Moderator: Armand Ruby, M.S.  
*Associate, Larry Walker Associates*

Speaker: Thomas Howard, M.S.  
*Deputy Director,  
State Water Resources Control Board*

Speaker: Geoff Brosseau  
*Executive Director  
Bay Area Stormwater Management Agencies  
Association (BASMAA)*

**10:10 a.m. 15-minute break: Refreshments**

**10:25 a.m.**

Moderator: John Johnston, Ph.D., PE  
*Professor, Department of Civil Engineering  
California State University, Sacramento*

Speaker: Kuen Tsay, PE  
*Senior Transportation Engineer  
Caltrans Division of Environmental Analysis*  
**Topic:** Overview of the Caltrans Statewide  
Monitoring Program

Speaker: Armand Ruby, M.S.  
*Associate, Larry Walker Associates*  
**Topic:** The Caltrans Storm Water  
Guidance Manual

Speaker: Edward F. Othmer, Jr., M.S., PE  
*Principal, Water Resources Engineer  
URS Corporation*  
**Topic:** Field Monitoring

**12:00 p.m.** **Lunch – to be catered at the  
workshop**

**1:10 p.m.**

**Moderator:** John Johnston, Ph.D., PE  
*Professor, Department of Civil Engineering  
California State University, Sacramento*

**Speaker:** Richard Amano, *President/Principal Chemist*  
*Laboratory Data Consultants, Inc.*

**Topic:** Data Reporting and QA/AC

**Speaker:** Masoud Kayhanian, Ph.D.  
*Senior Development Engineer  
Department of Civil & Environmental  
Engineering, UC Davis*

**Topic:** Data Analysis and Interpretation



**2:10 p.m.**

Moderator: Masoud Kayhanian, Ph.D.  
*Senior Development Engineer  
Department of Civil & Environmental  
Engineering, UC Davis*

Speaker: Edward D. Schroeder, Ph.D.  
*Director, Center for Environmental and Water  
Resources Engineering, UC Davis*

**Topic:** Pathogens

Speaker: Richard Tveten  
*Water Quality Team Leader, Environmental  
Affairs Office, Washington State Department of  
Transportation*

**Topic:** A Washington State Perspective

**3:00 p.m.**

**Workshop Observations, Evaluation,  
and Further Discussion**

Christine Harris  
*Workshop Manager, Harris & Company*

Mark Rayback, PE  
*Assistant Chief,  
Caltrans Division of Environmental Analysis*

You are encouraged to visit the display and engage our experts who will gladly answer your questions and present ideas for further thought. This display will be open all day and the experts will be available prior to the workshop, at lunch, and after the workshop.

Seema Datta, Ph.D., *Post Doctoral Researcher*  
*Department of Civil and Environmental Engineering*  
*UC Davis*

Janelle Rogers, Ph.D., PE, *Principal, CDM*

Michael Stenstrom, Ph.D. PE, *Professor, Department of Civil and Environmental Engineering, UCLA*

Steve Kummerfeldt, PE, *Senior Engineer, URS Corporation*

X.J. Huang, Ph.D., *Post Doctoral Researcher*  
*Department of Civil and Environmental Engineering*  
*UC Davis*

Nathan Schaedler, PE, *Senior Engineer, Law Crandall*